

October 23, 2008

ESH-RPD-2008-00304

SITE ALARA COMMITTEE MEETING MINUTES-10/23/08

The Site ALARA Committee met on October 23, in 766-H rm.1026, 2:00 - 3:30 p.m.

Attendees:

Tamara Baldwin	Becky Chafin	Tad Goodwin	Robert Minnick	Deborah Solomon
Cork Blackshire	Mike Cothran	Gary Guinn	Mike Negron	Jim Stafford
Joe Biggerstaff	Trent Edwards	Kim Hauer	Ruby Parks	Bill Tadlock
Sean Bohrer	Mignon Ford	Mike Holod	Ellen Parrish	Tony Umek
Rick Burns	Michael Gilles	Tim Kerrigan	Elester Patten	Jim Wilson
Joel Cantrell	Jack Goldenburg	Jerry Marshall	Terry Pifer	Roy Windham

The Quorum was met.

1) Introduction: Jim Stafford

Jim Stafford began the meeting by introducing Tony Umek as the M&O SAC Chair and Kim Hauer as the LWO SAC Vice Chair. Additionally, each member introduced themselves. The SAC draft Charter will be presented to the SPPC committee on 11/20/08 by Ellen Parrish for final approval. It was established that there were sufficient voting members in attendance. It was announced that on Friday 10/24/08, students studying Radiological Protection at Aiken Technical College would tour B-Area Instrument Calibrations, Whole Body Counter, and Dosimetry facilities, the ALARA Center, and the RP Mock-up.

ACTION: Send draft to Umek, Hauer, and Guinn. Completed 10/29/08

2) 7/22/08 Meeting Minutes: Ellen Parrish

The meeting minutes were covered from the 2nd Quarter SAC meeting on 7/22/08. The ALARA Center is still working with International Biomedical to locate a vendor to manufacture the larger size Tungsten glove molds. Tony Umek urged the ALARA Center to continue to try to find a vendor as soon as possible. The ALARA Feedback and Improvement form was handed out to the members and they were asked to encourage the use of these forms to capture Hard Dollar and Dose savings on a quarterly basis. This information on this form can also provide valuable information toward the annual ALARA Success Stories provided to DOE for the annual REMS Report. Also, the next SAC meeting will be held on 12/16/08 from 2-4 pm in 766-H rm. 1047 to discuss the 2009 Annual Site ALARA Goals. All Exposure Worksheets are due by 12/2/08. Please forward to Ellen Parrish.

3) 3rd Quarter Performance Indicators: Ellen Parrish

M&O

- ORPS PerCons Events = 2 YTD = 3
- Non-ORPS PerCons Events = 2 YTD = 9

- ORPS Area Events = 1 YTD = 5
- Non-ORPS Area Events = 1 YTD = 14

LWO

- ORPS PerCons Events = 0 YTD = 1
- Non-ORPS PerCons Events = 3 YTD = 3

- ORPS Area Events = 1 YTD = 3
- Non-ORPS Area Events = 0 YTD = 4

Dose Information

- 2008 Cumulative Exposure Goal = 128 rem
- YTD Cumulative Exposure = 99 rem
- 3rd Qtr. Cumulative Exposure = 33 rem
- YTD Maximum Individual Dose = 563 mrem (FCA TRU – ACL 1000)
- 1) 3rd Qtr. Maximum Individual Dose = **200*** mrem (SDD – ACL 500)
- 2) 3rd Qtr. Maximum Individual Dose = 184 mrem (SRNL – ACL 500)

***TLD taken thru X-ray machine at airport. Dose is in the process of being removed.**

- YTD Maximum Extremity Dose = 13,123 mrem (HBL)
- Internal Exposure >100 mrem = 0, >500 mrem = 0

4) +/- 25% ALARA Goal Discrepancies: Facility Representative

HCA was 2.042 rem below their 3rd quarter goal and is returning 1.5 rem toward the Site goal.

The cancellation of planned work from LANL and LLNL contributed to the over estimation of the goal.

FCA requested an additional 0.3 rem for additional FCA routine work for the 4th quarter.

CLAB was over their goal by 1.241 rem due to FCA TRU workers being reassigned to the facility.

NMSP (K-Area) was over their goal by 1.2 rem due to the reassignment of FCA TRU workers to the facility. A request for an additional 2 rem for the 4th quarter was requested due to additional scope for receipt of 700 drums from Hanford.

SRNL was 1.6 rem above the 3rd quarter goal due to an increase in scope from the 3013 materials, higher than expected dose from K-Area samples, dose from a FCA TRU worker, additional scope to repair the Shielded Cell crane, higher dose rate samples from HLW, and additional scope for Saltstone support. A request was made to increase the 4th quarter goal by 2.6 rem due to additional scope from LANL and reentry into the High Activity Gallery.

SDD was 6.556 rem over the 3rd Quarter goals due to the reassignment of FCA TRU workers and dose from an employee taking their TLD through an X-Ray machine at an airport.

SWMF 3rd quarter dose of 22 rem was lower than the 25.5 rem goal due to the reassignment of the FCA TRU workers.

LWO was 5.5 rem below their goal of 43 rem. Scheduled work in FTF was moved out to the 4th quarter. HTF is adding additional scope which will raise their 4th quarter goal by 2 rem and Saltstone and DWPF are expected to meet their 4th quarter goal. LWO expects to come within 2 rem of their annual goal.

A vote was taken to increase the annual site goal from 128 rem to 131 rem.

The Site ALARA Goal increase was approved by unanimous vote.

ACTION: Contact SWM to establish membership for SAC. Completed 10/28/08
Kathy Johns-Hughes will be the voting member and Leah Lavellee will be her alternate.

ACTION: Review historical data of increases and decreases of the annual ALARA goal to understand how it fluctuates through the year and assess if it should be managed differently. Due date 12/16/08

5) Radiological Improvement Initiatives: Jim Stafford

Jim discussed the Back to Basics initiatives for radiological control. There are 14 specific actions addressed in the Improvement Initiative to be formally issued during the week of 10/27/08. RPD also plans to place messages on the flashing signs at the WSI barricades will

begin on 10/28/08 and run for two weeks. Week one message is “Radiological Back to Basics - Be Aware of Your Individual Responsibilities” and week two message is “Poor Radiological Practices May Lead to Contamination or Exposure Events/Errors”. Slides will also be sent to the SRNS management team that stress the “Back to Basic” philosophy to the radiological worker in toolbox meetings, and a SRNS Employee Communication stressing the improvement of worker awareness of radiological conditions will be issued.

6) New Technology/ALARA Center: Ellen Parrish

The ALARA Center has two new Nilfisk HEPA vacuums called the Eliminator 1 for dry vacuuming and the Eliminator 2 for wet/dry vacuuming. The Eliminator 1 costs \$315.00 and the Eliminator 2 costs \$488.13. LWO requested vacuums that were cost effective so that they could be used on jobs and then disposed of after completion instead of maintaining them in the facility. Please contact the ALARA Center (8-3601 or 2-6557) for any further information or for ordering.

These vacuums are approved by the Site HEPA Filter Committee, but the facility is responsible for assuring that a vacuum meets CRIT Safety for their planned work.



Eliminator 1



Eliminator 2

7) Open Discussion: All

Kim Hauer stated that LWO would be looking at which types of jobs could be moved out to 2009. Jim Wilson discussed the recent LWO Safety Break. A pixie dust demonstration was one of the events that they used to enhance radiological awareness with their workers.

One individual stated that they were concerned that sending out the message “that it is unacceptable to have any Percons” would send the wrong message to the workers and that events would not be reported as required. Also, the Site does a good job of capturing third tier events and leading indicators and we do not want to discourage this valuable tool. The ensuing discussion addressed his concerns.